



Amndt B/EXT-C/ #11
J 3.21.03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Art Unit: 1642
TAYLOR-PAPADIMITRIOU, et al.) Examiner: YU, MISOOK
Serial No.: 09/729,226) Washington, D.C.
Filed: December 5, 2000) March 11, 2003
For: ANTIGENS DERIVED FROM) Docket No.: TAYLOR=1F
THE CORE PROTEIN OF THE)
HUMAN MAMMARY...) Confirmation No.: 8271

AMENDMENT UNDER RULE 1.115

Commissioner of Patents
Washington, D.C. 20231

S i r :

In response to the office action mailed October 11, 2002,
please enter the following amendments and remarks:

IN THE CLAIMS

Please amend claim 1 to read as follows:

1 (amended). An expression vector which is a recombinant DNA molecule or a purified DNA molecule, other than a whole chromosome, comprising a promoter sequence operably linked to a coding sequence, said coding sequence encoding a polypeptide comprising the core protein of a human polymorphic epithelial mucin, which core protein is specifically bound by monoclonal antibody SM3, said coding sequence being obtainable by screening a cDNA library derived from human breast cancer cell line MCF-7 for a cDNA corresponding to said coding sequence, said corresponding cDNA being identified by hybridization to a hybridization probe comprising

a) the DNA sequence

5'

ACC GTG GGC TGG GGG GGC GGT GGA GCC CGG-
GGC CGG CCT GGT GTC CGG GGC CGA GGT GAC-
ACC GTG GGC TGG GGG GGC GGT GGA GCC CGG-
GGC CGG CCT GGT GTC CGG GGC CGA GGT GAC 3', or

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